Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 09/04/2018

Lab ID	:	CP-2018-04-05-14
Customer	:	Assistant Executive Engineer, T-Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and Fixing Street Name Boards in Bagalagunte T.Dasarahalli Sub Division.
Agency	:	KRIDL,Bangalore.
Customer's Reference	:	EE/DD/WO/377/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	05-04-18
Sample ID No	:	2018-04-05-14 /01
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	09/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M20	02/04/2018	09/04/2018	151.89 X 150.89 X 151.45	22917	8.046	429.6	18.7	18.6
2	PCC	M20	02/04/2018	09/04/2018	151.04 X 151.80 X 149.82	22928	8.306	426.5	18.6	
3	PCC	M20	02/04/2018	09/04/2018	152.00 X 149.77 X 150.39	22765	8.366	420.2	18.5	

Results pertain to the samples received and tested.
Information furnished by Customer/Representative
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Samples will be disposed after 90 days from the date of issue of test certificate

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CIVIL PRO BANGALORE Sig..... Date.....

R.KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 30/04/2018

Lab ID	:	CP-2018-04-05-14
Customer	:	Assistant Executive Engineer, T-Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and Fixing Street Name Boards in Bagalagunte T.Dasarahalli Sub Division.
Agency	:	KRIDL,Bangalore.
Customer's Reference	:	EE/DD/WO/377/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	05-04-18
Sample ID No	:	2018-04-05-14 /02
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 30/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M20	02/04/2018	30/04/2018	150.30 X 151.27 X 151.84	22737	8.379	535.5	23.6	23.2
2	PCC	M20	02/04/2018	30/04/2018	151.33 X 150.22 X 151.32	22731	8.339	501.0	22.0	
3	PCC	M20	02/04/2018	30/04/2018	151.68 X 150.61 X 150.13	22844	7.981	548.2	24.0	

Note:

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TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID : CP-2018-03-29-09 Date: 02-04-18
Customer : Assistant Executive Engineer, T-Dasarahalli Sub Division, BBMP, Bangalore.
Address : T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Providing and Fixing Street Name Boards in Bagalagunte T.Dasarahalli Sub Division
Agency : KRIDL,Bangalore.
Customer's Reference : EE/DD/WO/377/17-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 29-03-18
Sample ID No : 2018-03-29-09 /01
Sample Type : Birla Super 53grade
Reference to BIS codes : IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification ,
IS 4031 (Part 1,2 3,4,5, 6,11):1988
IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4
IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5
IS 4031 Part 3, Determination of Soundness, Clause 5,Clause 6
IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5
IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5
IS 4031 Part 11,DETERMINATION OF DENSITY , Clause 6

Date of test : 30-03-18
Environmental Conditions during test : Temperature: 26°C
Humidity: 72%

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	2.05	–
2	Finess by Air permeablity method (m^2/kg,Min)	298.6	225m^2/kg, Min
3	Density (gm/cc)	3.13	–
4	Standard Consistency (%)	28.5%	Not specified
5	Initial Setting time	135 minutes	Not less than 30 minutes
6	Final Setting time	255 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm

Note:

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ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

****End of Report****

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO BANGALORE Sig..... Date.....

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Certificate No.: TC- 5548

Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	CP-2018-03-29-09
Customer	:	Assistant Executive Engineer, T-Dasarahalli Sub Division, BBMP, Bangalore. **Date: 27-04-18**
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Providing and Fixing Street Name Boards in Bagalagunte T.Dasarahalli Sub Division.
Agency	:	KRIDL,Bangalore.
Customer's Reference	:	EE/DD/WO/377/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	29-03-18
Sample ID No	:	2018-03-29-09 /01
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 6, Determination of Compressive Strength, Clause 6
Date of test	:	30-03-18
Environmental Conditions during test	:	Temperature: 26˚C Humidity: 72%

Compressive Strength

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	3 Days	29.5N/mm^2	Not less than 27 N/mm^2
2	7 Days	39.5N/mm^2	Not less than 37 N/mm^2
3	28 Days	58.5N/mm^2	Not less than 53 N/mm^2

Note:

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